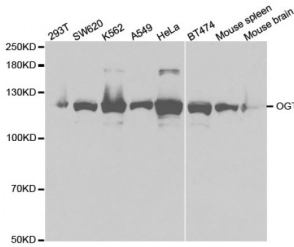
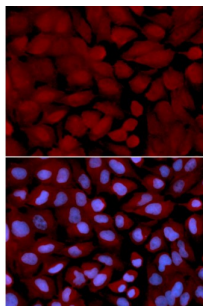


O-Linked N-Acetylglucosamine (GlcNAc) Transferase (OGT) Antibody

Catalogue No.: abx001621



Western blot analysis of extracts of various cell lines, using OGT antibody (abx001621) at 1/1000 dilution.



Immunofluorescence analysis of U2OS cells using OGT antibody (abx001621). Blue: DAPI for nuclear staining.

OGT Antibody is a Rabbit Polyclonal antibody against OGT. This gene encodes a glycosyltransferase that catalyzes the addition of a single N-acetylglucosamine in O-glycosidic linkage to serine or threonine residues. Since both phosphorylation and glycosylation compete for similar serine or threonine residues, the two processes may compete for sites, or they may alter the substrate specificity of nearby sites by steric or electrostatic effects. The protein contains multiple tetratricopeptide repeats that are required for optimal recognition of substrates. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

- Target:** OGT
- Reactivity:** Human, Mouse
- Host:** Rabbit
- Clonality:** Polyclonal
- Tested Applications:** WB, IF/ICC
- Recommended dilutions:** WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
- Immunogen:** Recombinant protein of human OGT.
- Purification:** Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 74 kDa/103 kDa/115 kDa/116 kDa Observed MW: 118 kDa
Swiss Prot:	O15294
GeneID:	8473
Gene Symbol:	OGT
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.